

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	3217	transaction adj (ID or number or identifier)	USPAT	AND	ON	2007/02/02 10:01
S3	1439	(705/39-44).CCLS.	USPAT	OR	OFF	2007/02/01 18:07
S5	562	(705/39).CCLS.	USPAT	OR	OFF	2007/02/02 10:00
S12	96	S2 and S5	USPAT	AND	ON	2007/02/01 18:40
S14	562	(705/39).CCLS.	USPAT	OR	OFF	2007/02/02 09:25
S16	50	(server or mediator or settlement) with (transaction adj (ID or number or identifier)) with ((send\$3 or sent or transmit\$4) and (receiv\$3))	USPAT	AND	ON	2007/02/02 10:23
S17	1004	(705/39-41).CCLS.	USPAT	OR	OFF	2007/02/02 10:00
S18	5032	(transaction or session) adj (ID or number or identifier)	USPAT	AND	ON	2007/02/02 10:01
S19	158	S17 and S18	USPAT	AND	ON	2007/02/05 08:43
S20	12	S19 and (((mobile or cellular or portable) adj (phone or device)) same (terminal or POS or cashier))	USPAT	AND	ON	2007/02/05 09:50
S21	391	(705/44).CCLS.	USPAT	OR	OFF	2007/02/02 10:22
S22	1	S16 and S21	USPAT	AND	ON	2007/02/02 10:33
S23	2	"20020073046"	US-PGPUB; USPAT	AND	ON	2007/02/02 10:24
S24	260	((single or (one near time)) near use) or proxy near (transaction or number)	USPAT	AND	ON	2007/02/02 10:35

S25	1439	(705/39-44).OCLS.	USPAT	OR	OFF	2007/02/02 10:35
S26	9	S24 and S25	USPAT	AND	ON	2007/02/02 10:35
S27	1004	(705/39-41).OCLS.	USPAT	OR	OFF	2007/02/05 08:30
S28	5032	(transaction or session) adj (ID or number or identifier)	USPAT	AND	ON	2007/02/05 08:30
S29	158	S27 and S28	USPAT	AND	ON	2007/02/05 08:30
S30	1	S29 and (((mobile or cellular or portable) adj (phone or device)) same ((electronic or internet) near (payment)))	USPAT	AND	ON	2007/02/05 08:31
S31	10	("5557518"   "5671280"   "5677955" "5897621"   "5903652"   "6029150" "6047270"   "6055314"   "6119227" "6223291").PN. OR ("7146342").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/05 08:36
S32	1	"5883810".pn.	USPAT	AND	ON	2007/02/05 09:25
S33	1	"5757917".pn.	USPAT	AND	ON	2007/02/05 09:25
S34	88	"5534855"	USPAT	AND	ON	2007/02/05 09:50
S35	1	"5534855".pn.	USPAT	AND	ON	2007/02/05 09:50
S36	1	"6092202".pn.	USPAT	AND	ON	2007/02/05 09:50
S37	23	((authenticat\$6 or verif \$8) near (transaction or payment)) with (PDA or (smart or cellular or mobile or portable) adj (device or phone or telephone))	USPAT	AND	ON	2008/01/14 12:18

S38	23	((authentica\$6 or verif\$8) near (transaction or payment)) with (PDA or (smart or cellular or mobile or portable) adj (device or phone or telephone))	USPAT	AND	ON	2008/01/15 11:15
S39	10	S38 and (transaction or authentication or user or merchant or invoice) adj (code or identifier or ID)	USPAT	AND	ON	2008/01/15 11:16
S42	772	(transaction or authentica\$6) with ((match\$3 or verif\$7) near3 (ID or identifier))	USPAT	AND	ON	2008/01/21 19:48
S43	11	(transaction or authentica\$6) with ((match\$3 or verif\$7) near3 (ID or identifier)) same (((cellular or mobile or portable) adj (device or phone or unit)) or PDA)	USPAT	AND	ON	2008/01/21 19:49
S44	187	(transaction or authentica\$6) with ((match\$3 or verif\$7) near3 (ID or identifier)) and (((cellular or mobile or portable) adj (device or phone or unit)) or PDA)	USPAT	AND	ON	2008/01/21 19:51
S45	1664	(705/39-44).OCLS.	USPAT	OR	OFF	2008/01/21 19:52
S46	15	S44 and S45	USPAT	AND	ON	2008/01/21 19:52
S48	724	(705/75-79).OCLS.	USPAT	OR	OFF	2008/01/21 20:21
S49	44	S48 and (user or merchant or customer or consumer or seller or buyer or clerk) near3 (select\$3 or choos\$3) near4 (authentication or method or verification)	US-PGPUB; USPAT	AND	ON	2008/01/21 20:24

S50	12	S49 and (((cellular or mobile or portable) adj (device or phone or unit)) or PDA)	USPAT	AND	ON	2008/01/21 20:25
S51	32	("5193114"   "5347580"   "5455407" "5511114"   "5577109"   "5671279" "5673309"   "5696908"   "5721781" "5743429"   "5757918"   "5760381" "5777305"   "5799087"   "5870723" "5884292"   "5894519"   "5918909" "5936221"   "5943423"   "5963648" "5987140"   "5991412"   "5999625" "6003014"   "6098053"   "6152365" "6327578"   "6332025"   "6332134" "6662166"   "H001794").PN. OR ("7280984").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/01/21 20:29
S52	0	((mediation or mediated or mediate or mediating) near transaction) with (((cellular or mobile or portable) adj (device or phone or unit)) or PDA) with (POS or terminal or "point of sale" or register)	USPAT	AND	ON	2008/01/21 20:40
S53	20	((mediation or mediated or mediate or mediating or process\$3 or conduct\$3) near transaction) with (((cellular or mobile or portable) adj (device or phone or unit)) or PDA) with (POS or terminal or "point of sale" or register)	USPAT	AND	ON	2008/01/21 20:40
S54	0	09/630557	US-PGPUB	AND	ON	2008/01/21 21:20

S55	1	09/630557	US-PGPUB; USPAT	AND	ON	2008/01/21 21:21
S56	137	"5883810"	US-PGPUB; USPAT	AND	ON	2008/01/22 08:34
S57	1	"5883810".pn.	US-PGPUB; USPAT	AND	ON	2008/01/22 08:34
S58	69	(purchas* or transaction) with (ESN or IMEI)	US-PGPUB; USPAT	AND	ON	2008/01/22 08:57
S59	17	("20020023055"   "4725719"   "5671279" "5692132"   "5724424"   "5826241" "5850217"   "5852773"   "5884288" "5903878"   "5949044"   "6327578" "6332134"   "6343279"   "6505171" "6636833"   "7233929").PN.	US-PGPUB; USPAT	AND	ON	2008/08/19 12:40
S60	412	((device or terminal or unique) adj (identifier or ID)) with (purchase or transaction) same (POS or cellular or PDA or cell or phone mobile)	US-PGPUB; USPAT	OR	OFF	2008/08/19 12:59
S61	436	((device or terminal or unique) adj (identifier or ID)) with (purchase or transaction) same (POS or cellular or PDA or cell or phone mobile or wireless)	US-PGPUB; USPAT	OR	OFF	2008/08/19 12:59
S62	318	((device or terminal or unique) adj (identifier or ID)) with (purchase or transaction) with (POS or cellular or PDA or cell or phone mobile or wireless)	US-PGPUB; USPAT	OR	OFF	2008/08/19 12:59

S63	57	((device or terminal or unique) adj (identifier or ID)) with (purchase or transaction) with (POS or cellular or PDA or cell or phone mobile or wireless) same request	US-PGPUB; USPAT	OR	OFF	2008/08/19 13:00
S64	88	((device or terminal or unique) adj (identifier or ID)) with (purchase or transaction) same (POS or cellular or PDA or cell or phone mobile or wireless)	USPAT	OR	OFF	2008/08/19 13:03
S65	77	("5373561"   "5416842"   "5440633"   "5455863"   "5524052"   "5548106"   "5623637"   "5724423"   "5917913").PN. OR ("6175922").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/19 13:14
S66	1	"20060080212"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/19 15:02
S67	1	"11438797"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/19 15:07
S68	22	((mediation or mediated or mediate or mediating or process\$3 or conduct\$3) near transaction) with (((cellular or mobile or portable) adj (device or phone or unit)) or PDA) with (POS or terminal or "point of sale" or register)	USPAT	AND	ON	2008/08/19 16:33
S69	88	((device or terminal or unique) adj (identifier or ID)) with (purchase or transaction) same (POS or cellular or PDA or cell or phone mobile or wireless)	USPAT	OR	OFF	2008/08/19 16:36

S70	26	((device or terminal or unique) adj (identifier or ID)) with (purchase or transaction) same (POS or cellular or PDA or cell or phone mobile or wireless) same (request\$3 or initial\$4)	USPAT	OR	OFF	2008/08/19 16:38
S71	14	("20030120940"   "20030195002"   "20030216996"   "20040137915"   "20040185842"   "20040203862"   "20040203900"   "20040203901"   "20040203903"   "20040224702"   "20050032531"   "20050071671"   "20060074660"   "6650902").PN. OR ("7221949").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/19 16:49
S72	0	(merchant or POS) adj3 (send\$3 or transmit\$4) adj3 (device or terminal or unique) adj (identifier or ID) adj5 (consumer or PDA or mobile or device or user or customer)	USPAT	OR	OFF	2008/08/19 16:53
S73	1	(merchant or POS) adj5 (send\$3 or transmit\$4) adj3 (device or terminal or unique) adj (identifier or ID) adj5 (consumer or PDA or mobile or device or user or customer)	USPAT	OR	OFF	2008/08/19 16:53
S74	1	(consumer or PDA or mobile or device or user or customer) adj5 (send\$3 or transmit\$4) adj3 (device or terminal or unique) adj (identifier or ID) adj5 (merchant or POS)	USPAT	OR	OFF	2008/08/19 16:55

S75	10	(consumer or PDA or mobile or device or user or customer) adj5 (send\$3 or transmit\$4) adj3 (identifier or ID) adj5 (merchant or POS)	USPAT	OR	OFF	2008/08/19 16:56
S76	5	(merchant or POS) adj5 (send\$3 or transmit\$4) adj3 (identifier or ID) adj5 (consumer or PDA or mobile or device or user or customer)	USPAT	OR	OFF	2008/08/19 16:56
S77	137	(consumer or PDA or mobile or device or user or customer) with (send\$3 or transmit\$4) with (identifier or ID) with (merchant or POS)	USPAT	OR	OFF	2008/08/19 17:00
S78	2479	(server or mediation or mediator or settlement) with (transmit\$4 or send\$3) with (identifier or ID) with (consumer or PDA or mobile or device or user or customer)	USPAT	OR	OFF	2008/08/19 17:01
S79	26	S77 and S78	USPAT	OR	OFF	2008/08/19 17:01
S80	17	(third\$party or mediat \$5 or settlement or commerce or e-commerce) near6 (match\$3 or verif\$6) near5 (ID or identifier or code)	USPAT	OR	OFF	2008/08/19 17:16
S81	1	09/630557	USPAT	OR	OFF	2008/08/26 12:04
S82	1	09/630557	US-PGPUB; USPAT	OR	OFF	2008/08/26 12:04
S83	230	(select\$3 or choos\$3) near3 authentication near method	US-PGPUB; USPAT	OR	OFF	2008/08/26 12:32
S84	4	(select\$3 or choos\$3) near3 authentication near method with (transaction or purchase)	US-PGPUB; USPAT	OR	OFF	2008/08/26 12:33



S85	6	(select\$3 or choos\$3) near3 authentication near method with (transaction or purchase)	US-PGPUB; USPAT	OR	OFF	2008/08/26 12:33
S86	15	(select\$3 or choos\$3) near3 authentication near method same (transaction or purchase)	US-PGPUB; USPAT	OR	OFF	2008/08/26 12:34
S87	2	multiple near3 authentication near method same (transaction or purchase)	US-PGPUB; USPAT	OR	OFF	2008/08/26 12:37
S88	0	plurality near3 authentication near method same (transaction or purchase)	US-PGPUB; USPAT	OR	OFF	2008/08/26 12:38
S89	59	plurality near3 authentication near method	US-PGPUB; USPAT	OR	OFF	2008/08/26 12:38
S90	36	multiple near3 authentication near method	US-PGPUB; USPAT	OR	OFF	2008/08/26 12:38
S91	411	(choos\$3 or select\$3) near4 (security or authentication) with (transaction or purchase or settlement)	US-PGPUB; USPAT	OR	OFF	2008/08/26 12:39
S92	315	(choos\$3 or select\$3) near3 (security or authentication) with (transaction or purchase or settlement)	US-PGPUB; USPAT	OR	OFF	2008/08/26 12:39
S93	20	(choos\$3 or select\$3) near3 (security or authentication) with (transaction or purchase or settlement) same password	US-PGPUB; USPAT	OR	OFF	2008/08/26 12:39

S94	48	((choos\$3 or select\$3) near4 (security or authentication)) with password same (transaction or purchase or settlement)	US-PGPUB; USPAT	OR	OFF	2008/08/26 12:41
S95	52	((choos\$3 or select\$3) near4 (security or authentication) near3 level) same (transaction or purchase or settlement)	US-PGPUB; USPAT	OR	OFF	2008/08/26 12:45
S96	102	((choos\$3 or select\$3) near5 (security or authentication) near3 (level or method)) same (transaction or purchase or settlement)	US-PGPUB; USPAT	OR	OFF	2008/08/26 12:49
S97	7	("20020073320"   "5950195"   "6052468"   "6651168"   "6668327"   "6718535"   "6892307").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/26 12:55
S98	205	(chos\$3 or choos\$3 or select\$3 or defin\$3) near3 (authentication or validation or security) with biometric	US-PGPUB; USPAT	OR	OFF	2008/08/26 15:42
S99	240	(chos\$3 or choos\$3 or select\$3 or defin\$3) near3 (authentication or validation or security) with (biometric or biological)	US-PGPUB; USPAT	OR	OFF	2008/08/26 15:42
S100	280	compatible near3 authentication	US-PGPUB; USPAT	OR	OFF	2008/08/26 16:24
S101	27	compatible near3 authentication near4 method	US-PGPUB; USPAT	OR	OFF	2008/08/26 16:24
S102	65	(nakajima and keiichi). in.	US-PGPUB; USPAT	OR	OFF	2008/08/26 16:27
S103	81	agree\$5 near4 authentication near3 method	US-PGPUB; USPAT	OR	OFF	2008/08/26 16:30

S104	25	agree\$5 near4 security near3 method	US-PGPUB; USPAT	OR	OFF	2008/08/26 16:56
S105	1509	authentication near database	US-PGPUB; USPAT	OR	OFF	2008/08/26 17:01
S106	11	authentication near database with methods	US-PGPUB; USPAT	OR	OFF	2008/08/26 17:02
S107	9653	authentication near (method or protocol)	US-PGPUB; USPAT	OR	OFF	2008/08/26 17:06
S108	684	((verification or authentication or security) near (method or protocol)) near5 (support\$3 or compatib \$5)	US-PGPUB; USPAT	OR	OFF	2008/08/26 17:08
S109	1717	((verification or authentication or security) near (method or protocol)) near5 (support\$3 or compatib \$5 or requir\$5 or demand\$3)	US-PGPUB; USPAT	OR	OFF	2008/08/26 17:08
S110	25	((verification or authentication or security) near (method or protocol)) near5 (support\$3 or compatib \$5 or requir\$5 or demand\$3) with database	US-PGPUB; USPAT	OR	OFF	2008/08/26 17:09
S111	598	((verification or authentication or security) near (method)) near5 (support\$3 or compatib \$5 or requir\$5 or demand\$3)	US-PGPUB; USPAT	OR	OFF	2008/08/26 17:11
S112	9	((verification or authentication or security) near (method)) near5 (support\$3 or compatib \$5 or requir\$5 or demand\$3) with database	US-PGPUB; USPAT	OR	OFF	2008/08/26 17:11

S113	29	((verification or authentication or security) near (method)) near5 (support\$3 or compatib \$5 or requir\$5 or demand\$3) same database	US-PGPUB; USPAT	OR	OFF	2008/08/26 17:11
S114	1006	(chos\$3 or choos\$3 or select\$3 or defin\$3) near3 biometric	US-PGPUB; USPAT	OR	OFF	2008/08/26 17:14
S115	51	(chos\$3 or choos\$3 or select\$3 or defin\$3) near3 biometric near4 used	US-PGPUB; USPAT	OR	OFF	2008/08/26 17:15
S116	1	"5845265".pn.	US-PGPUB; USPAT	OR	OFF	2008/08/26 17:50
S117	56	match\$3 near3 authentication near3 method	US-PGPUB; USPAT	OR	OFF	2008/08/27 11:23

9/ 2/ 2008 10:12:15 AM

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